

# Optiquest<sup>®</sup>

BY VIEWSONIC<sup>®</sup>

## Q191wb LCD Display

- User Guide
- Guide de l'utilisateur
- Bedienungsanleitung
- Guía del usuario
- Guida dell'utente
- Guia do usuário
- Руководство пользователя
- Керівництво користувача
- 使用手冊 (繁體)

IMPORTANT: Please read this User Guide to obtain important information on installing and using your product in a safe manner, as well as registering your product for future service. Warranty information contained in this User Guide will describe your limited coverage from ViewSonic Corporation, which is also found on our web site at <http://www.viewsonic.com> in English, or in specific languages using the Regional selection box in the upper right corner of our website.  
"Antes de operar su equipo lea cuidadosamente las instrucciones en este manual"

Model No. : VS12105

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## Compliance Information

### For U.S.A.

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Warning:** You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

### For Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

### CE Conformity for European Countries

The device complies with the requirements of the EEC directive 2004/108/EC as amended by 92/31/EEC and 93/68/EEC Art.5 with regard to "Electromagnetic compatibility", and 2006/95/EC as amended by 93/68/EEC Art.13 with regard to "Safety."



### Following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE).

The mark indicates the requirement NOT to dispose the equipment as unsorted municipal waste, but use the return and collection systems according to local law.



# Important Safety Instructions

1. Read these instructions completely before using the equipment.
2. Keep these instructions in a safe place.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this equipment near water. Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
6. Clean with a soft, dry cloth. If further cleaning is required, see “Cleaning the Display” in this guide for further instructions.
7. Do not block any ventilation openings. Install the equipment in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
9. Do not attempt to circumvent the safety provisions of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the plug does not fit into your outlet, consult an electrician for replacement of the outlet.
10. Protect the power cord from being tread upon or pinched, particularly at the plug, and the point where it emerges from the equipment. Be sure that the power outlet is located near the equipment so that it is easily accessible.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the equipment. When a cart is used, use caution when moving the cart/equipment combination to avoid injury from tipping over.
13. Unplug this equipment when it will be unused for long periods of time.
14. Refer all servicing to qualified service personnel. Service is required when the unit has been damaged in any way, such as: if the power-supply cord or plug is damaged, if liquid is spilled onto or objects fall into the unit, if the unit is exposed to rain or moisture, or if the unit does not operate normally or has been dropped.



## Declaration of RoHS Compliance

This product has been designed and manufactured in compliance with Directive 2002/95/EC of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium (Cr <sup>6+</sup> )	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%

Certain components of products as stated above are exempted under the Annex of the RoHS Directives as noted below:

Examples of exempted components are:

1. Mercury in compact fluorescent lamps not exceeding 5 mg per lamp and in other lamps not specifically mentioned in the Annex of RoHS Directive.
2. Lead in glass of cathode ray tubes, electronic components, fluorescent tubes, and electronic ceramic parts (e.g. piezoelectronic devices).
3. Lead in high temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
4. Lead as an alloying element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a copper alloy containing up to 4% lead by weight.

## Copyright Information

Copyright © ViewSonic® Corporation, 2008. All rights reserved.

Macintosh and Power Macintosh are registered trademarks of Apple Inc.

Microsoft, Windows, Windows NT, and the Windows logo are registered trademarks of Microsoft Corporation in the United States and other countries.

ViewSonic, the three birds logo, OnView, ViewMatch, and ViewMeter are registered trademarks of ViewSonic Corporation.

VESA is a registered trademark of the Video Electronics Standards Association. DPMS and DDC are trademarks of VESA.

ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency (EPA). As an ENERGY STAR® partner, ViewSonic Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Disclaimer: ViewSonic Corporation shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from furnishing this material, or the performance or use of this product.

In the interest of continuing product improvement, ViewSonic Corporation reserves the right to change product specifications without notice. Information in this document may change without notice.

No part of this document may be copied, reproduced, or transmitted by any means, for any purpose without prior written permission from ViewSonic Corporation.

## Product Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your product on the Internet at: [www.viewsonic.com](http://www.viewsonic.com). The ViewSonic Wizard CD-ROM also provides an opportunity for you to print the registration form, which you may mail or fax to ViewSonic.

### For Your Records

Product Name:	Q191wb Optiquet 19" LCD Display
Model Number:	VS12105
Document Number:	Q191wb-3_UG_ENG Rev. 1C 05-21-08 Q191wb-4_UG_ENG Rev. 1C 05-21-08
Serial Number:	_____
Purchase Date:	_____

### Product disposal at end of product life

The lamp in this product contains mercury. Please dispose of in accordance with local, state or federal laws.

ViewSonic is concerned about the preservation of our environment. Please dispose of this product properly at the end of its useful life. For the recycling information, please refer to our website:

1. USA: [www.viewsonic.com/pdf/RecyclePlus.pdf](http://www.viewsonic.com/pdf/RecyclePlus.pdf)
2. Europe: [www.viewsoniceurope.com](http://www.viewsoniceurope.com)
3. Taiwan: [recycle.epa.gov.tw](http://recycle.epa.gov.tw)

# Getting Started

Congratulations on your purchase of a ViewSonic® LCD display.

**Important!** Save the original box and all packing material for future shipping needs.

**NOTE:** The word “Windows” in this user guide refers to the following Microsoft operating systems: Windows ‘95, Windows NT, Windows ‘98, Windows 2000, Windows Me (Millennium), and Windows XP.

## Package Contents

Your LCD display package includes:

- LCD display
- Power cord
- D-Sub cable
- User Guide

## Precautions

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- Sit at least 18” from the LCD display.
  - **Avoid touching the screen.** Skin oils are difficult to remove.
  - **Never remove the rear cover.** This LCD display contains high-voltage parts. You may be seriously injured if you touch them.
  - Avoid exposing the LCD display to direct sunlight or another heat source. Orient the LCD display away from direct sunlight to reduce glare.
  - Always handle the LCD display with care when moving it.
  - Place the LCD display in a well ventilated area. Do not place anything on the LCD display that prevents heat dissipation.
  - Ensure the area around the LCD display is clean and free of moisture.
  - Do not place heavy objects on the LCD display, video cable, or power cord.
  - If smoke, an abnormal noise, or a strange odor is present, immediately switch the LCD display off and call your dealer or ViewSonic. It is dangerous to continue using the LCD display.
  - Do not rub or apply pressure to the LCD panel, as it may permanently damage the screen.
-

## Quick Installation

### 1. Connect power cord (and AC/DC adapter if required)

### 2. Connect video cable

- Make sure both the LCD display and computer are turned OFF
- Remove rear panel covers if necessary
- Connect the video cable from the LCD display to the computer

*Macintosh users:* Models older than G3 require a Macintosh adapter. Attach the adapter to the computer and plug the video cable into the adapter.

To order a ViewSonic® Macintosh adapter, contact ViewSonic Customer Support.

### 3. Turn ON LCD display and computer

Turn ON the LCD display, then turn ON the computer. This sequence (LCD display before computer) is important.

### 4. Windows users: Set the timing mode (resolution and refresh rate)

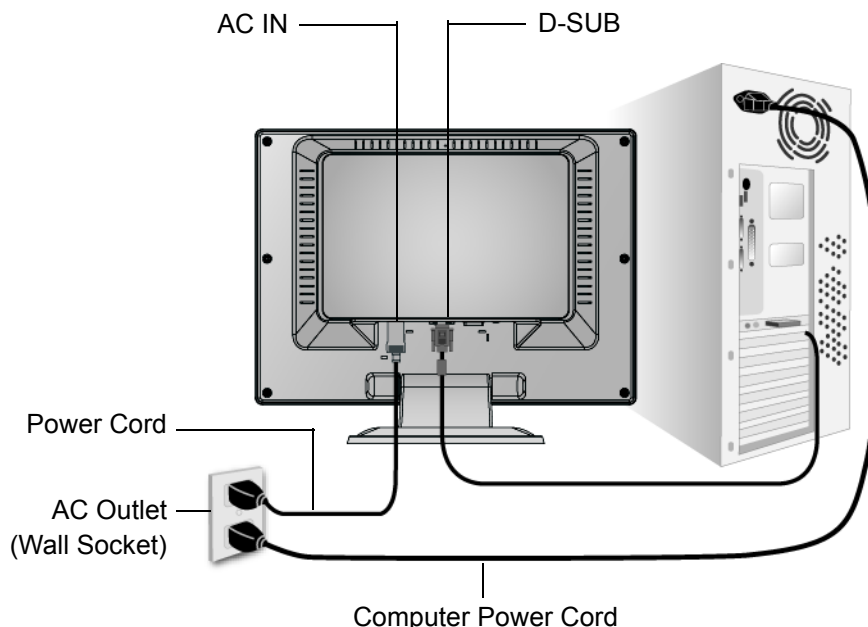
*Example:* 1440 x 900 @ 60 Hz.

For instructions on changing the resolution and refresh rate, see the graphics card's user guide.

**Installation is complete. Enjoy your new ViewSonic LCD display.**

To be best prepared for any future customer service needs: print this user guide and write the serial number in "For Your Records" on page 4. (See back of LCD display.)

You can register your product online at the ViewSonic website for your region. See the Customer Support table in this guide.





# Using the LCD Display

## Setting the Timing Mode

Setting the timing mode is important for maximizing the quality of the screen image and minimizing eye strain. The **timing mode** consists of the **resolution** (example 1440 x 900) and **refresh rate** (or vertical frequency; example 60 Hz). After setting the timing mode, use the OSD (On-screen Display) controls to adjust the screen image.

For the best picture quality set your LCD display timing mode to:

**VESA 1440 x 900 @ 60Hz.**


To set the Timing Mode:

- 1. Set the resolution:** Right-click on the Windows desktop > Properties > Settings > set the resolution.
- 2. Set the refresh rate:** See your graphic card's user guide for instructions.

**WARNING:** Do not set the graphics card in your computer to exceed the maximum refresh rate of 75Hz; doing so may result in permanent damage to your LCD display.

## Control Buttons

There are 5 keys for user to set up the monitor, including "Auto Adjust", "OSD menu", "Power", "Adjust <->", "Adjust <+>". The following descriptions are the introduction of these Keys.

<b>A</b>	<b>Auto Adjust (Function)</b> <b>Function Select Button:</b> This button allows you to select the control functions up in the OSD. <b>Hotkey:</b> Press this button to apply the monitor setting automatically.
<b>M</b>	<b>Menu (Function)</b> <b>Function Select Button:</b> This button allows you to select the control functions down in the OSD. <b>Hotkey:</b> Press this button to get a pop-up OSD menu.
	<b>Power:</b> Turn the LCD power on and off. When the power is on, the light is showing blue, standby mode will be flash.
<b>-</b>	<b>Adjust &lt; - &gt;:</b> Decrease the option value in the OSD menu.
<b>+</b>	<b>Adjust &lt; + &gt;:</b> Increase the option value in the OSD menu.

## OSD (On-Screen Display) Menu Mode

\*Please adjust your Speaker Volume via your PC computer Speaker Volume control icon.

\*Please note that Sound will continue to play when your monitor is off, to turn off please turn off your PC computer or mute the Speaker Volume control icon.

Press the OSD button to access menu, and press Increase / Decrease button for adjustment.

<b>BRIGHTNESS</b>	Adjust the brightness of the display.
<b>CONTRAST</b>	Adjust the difference between light and dark area.
<b>PHASE</b>	The phase of the dot clock is adjusted.
<b>CLOCK</b>	The ratio of dividing frequency of the dot clock is adjusted.
<b>H-POSITION</b>	Adjust the horizontal position of the display.
<b>V-POSITION</b>	Adjust the vertical position of display.
<b>RESET</b>	Recall the default setting.
<b>COLOR TEMPERATURE</b>	Adjust the color temperature.
<b>RED</b>	Adjust the Red color temperature.
<b>GREEN</b>	Adjust the Green color temperature.
<b>BLUE</b>	Adjust the Blue color temperature.
<b>LANGUAGE</b>	Select the display language of the OSD Menu.
<b>MISCELLANEOUS</b>	"No" will take you to the exit menu."Yes" will bring you to the sub menus of the Miscellaneous menu.
<b>EXIT OSD</b>	Saving and Leave.

### MISCELLANEOUS

<b>RETURN</b>	Return to main menu.
<b>OSD H-POSITION</b>	Adjust the horizontal position of the OSD.
<b>OSD V-POSITION</b>	Adjust the vertical position of the OSD.
<b>OSD DURATION</b>	Adjust the timing of the OSD menu.
<b>AUTO COLOR</b>	Adjust the color automatically.

# Other Information

## Specifications

<b>LCD</b>	Type	19" (full 19" viewable diagonal area), TFT (Thin Film Transistor), Active Matrix WXGA+ LCD, 0.285 mm pixel pitch
	Color Filter	RGB vertical stripe
<b>Input Signal</b>	Video Sync	RGB analog (0.7/1.0 Vp-p, 75 ohms) Separate Sync $f_h$ :30-65 kHz, $f_v$ :55-75 Hz
<b>Compatibility</b>	PC	Up to 1440 x 900 Non-interlaced
	Macintosh <sup>1</sup>	Power Macintosh up to 1440 x 900
<b>Resolution</b>	Recommended and supported	1440 x 900 @ 60 Hz
		1280 x 1024 @ 60 Hz
		1024 x 768 @ 60, 70, 75 Hz
		800 x 600 @ 56, 60, 72, 75 Hz
		640 x 480 @ 60, 72, 75 Hz
720 x 400 @ 70 Hz		
<b>Power</b>	Voltage	100-240 VAC, 50-60 Hz (auto switch)
<b>Display area</b>	Full Scan	410.4 mm (H) x 256.5 mm (V) 16.16" (H) x 10.09" (V)
<b>Operating conditions</b>	Temperature	+41° F to +104° F (+5° C to +40° C)
	Humidity	20% to 80% (non-condensing)
	Altitude	To 13,000 feet
<b>Storage conditions</b>	Temperature	-4° F to +131° F (-20° C to +55° C)
	Humidity	20% to 85% (non-condensing)
	Altitude	To 40,000 feet
<b>Dimensions</b>	Physical	464.09 mm (W) x 382.55 mm (H) x 169 mm (D) 18.27" (W) x 15.1" (H) x 6.65" (D)
<b>Weight</b>	Physical	9.26 lb (4.2 kg)
<b>Regulations</b>		BSMI, C-Tick, CE, ISO 13406-2, Gost-R/Hygienic, Ukraine, UL/cUL, FCC-B, ICES-B, NOM, TUV-S/IRAM/UL-AR S Mark, ENERGY STAR®
<b>Power saving modes</b>	On	35 W (Typical) (blue LED)
	Off	<1W

**Preset Timing Mode** (pre-adjusted to VESA® 1440 x 900 @ 60 Hz)

**Warning:** Do not set the graphics card in your computer to exceed these refresh rates; doing so may result in permanent damage to the LCD display.

<sup>1</sup> Macintosh computers older than G3 require a ViewSonic® Macintosh adapter. To order an adapter, contact ViewSonic.

# Troubleshooting

## No power

- Make sure power button (or switch) is ON.
- Make sure A/C power cord is securely connected to the LCD display.
- Plug another electrical device (like a radio) into the power outlet to verify that the outlet is supplying proper voltage.

## Power is ON but no screen image

- Make sure the video cable supplied with the LCD display is tightly secured to the video output port on the back of the computer. If the other end of the video cable is not attached permanently to the LCD display, tightly secure it to the LCD display.
- Adjust brightness and contrast.
- If you are using an Macintosh older than G3, you need a Macintosh adapter.

## Wrong or abnormal colors

- If any colors (red, green, or blue) are missing, check the video cable to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection.
- Connect the LCD display to another computer.
- If you have an older graphics card, contact ViewSonic® for a non-DDC adapter.

## Control buttons do not work

- Press only one button at a time.

# Customer Support

For technical support or product service, see the table below or contact your reseller.

**NOTE:** You will need the product serial number.

Country/Region	Website	T = Telephone F = FAX	Email
Australia/New Zealand	www.viewsonic.com.au	AUS= 1800 880 818 NZ= 0800 008 822	service@au.viewsonic.com
Canada	www.viewsonic.com	T (Toll-Free)= 1-866-463-4775 T (Toll)= 1-424-233-2533 F= 1-909-468-1202	service.ca@viewsonic.com
Europe/Middle East/ Baltic countries/North Africa	www.viewsoniceurope.com	Contact your reseller	
Hong Kong	www.hk.viewsonic.com	T= 852 3102 2900	service@hk.viewsonic.com
India	www.in.viewsonic.com	T= 1800 11 9999	service@in.viewsonic.com
Korea	www.kr.viewsonic.com	T= 080 333 2131	service@kr.viewsonic.com
Latin America (Argentina)	www.viewsonic.com/la/	T= 0800 666 0194	soporte@viewsonic.com
Latin America (Brazil)	www.viewsonic.com/la/	T= 0800 891 6984	soporte@viewsonic.com
Latin America (Chile)	www.viewsonic.com/la/	T= 800 440 303	soporte@viewsonic.com
Latin America (Columbia)	www.viewsonic.com/la/	T= 01 800 915 6588	soporte@viewsonic.com
Latin America (Mexico)	www.viewsonic.com/la/	T= 001 800 514 6518	soporte@viewsonic.com
Renta y Datos, 29 SUR 721, COL. LA PAZ, 72160 PUEBLA, PUE. Tel: 01.222.891.55.77 CON 10 LINEAS Electroser, Av Reforma No. 403Gx39 y 41, 97000 Mérida, Yucatán. Tel: 01.999.925.19.16 Other places please refer to <a href="http://www.viewsonic.com/la/soporte/index.htm#Mexico">http://www.viewsonic.com/la/soporte/index.htm#Mexico</a>			
Latin America (Peru)	www.viewsonic.com/la/	T= 0800 53458	soporte@viewsonic.com
Macau	www.hk.viewsonic.com	T= 853 700 303	service@hk.viewsonic.com
Puerto Rico & Virgin Islands	www.viewsonic.com	T= 1-800-688-6688 (English) T= 1-866-379-1304 (Spanish) F= 1-909-468-1202	service.us@viewsonic.com soporte@viewsonic.com
Singapore/Malaysia/ Thailand	www.ap.viewsonic.com	T= 65 6461 6044	service@sg.viewsonic.com
South Africa	www.viewsoniceurope.com	www.viewsoniceurope.com/uk/Support/Calldesk.htm	
United Kingdom	www.viewsoniceurope.com /uk/	www.viewsoniceurope.com/uk/Support/Calldesk.htm	
United States	www.viewsonic.com	T (Toll-Free)= 1-800-688-6688 T (Toll)= 1-424-233-2530 F= 1-909-468-1202	service.us@viewsonic.com

## Cleaning the LCD Display

- MAKE SURE THE LCD DISPLAY IS TURNED OFF.
- NEVER SPRAY OR POUR ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE.

### To clean the screen:

1. Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
2. If the screen still not clean, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.

### To clean the case:

1. Use a soft, dry cloth.
2. If the case still not clean, apply a small amount of a non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

### Disclaimer

- ViewSonic® does not recommend the use of any ammonia or alcohol-based cleaners on the LCD display screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the LCD display.
- ViewSonic will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

# Limited Warranty

## VIEWSONIC® LCD DISPLAY

### What the warranty covers:

ViewSonic warrants its products to be free from defects in material and workmanship, under normal use, during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

### How long the warranty is effective:

ViewSonic LCD displays are warranted for 1 year for all parts including the light source and 1 year for all labor from the date of the first consumer purchase.

### Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

### What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
  - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
  - b. Any damage of the product due to shipment.
  - c. Removal or installation of the product.
  - d. Causes external to the product, such as electrical power fluctuations or failure.
  - e. Use of supplies or parts not meeting ViewSonic's specifications.
  - f. Normal wear and tear.
  - g. Any other cause which does not relate to a product defect.
3. Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.
4. Removal, installation, one way transportation, insurance, and set-up service charges.

### How to get service:

1. For information about receiving service under warranty, contact ViewSonic Customer Support (Please refer to Customer Support page). You will need to provide your product's serial number.
2. To obtain warranty service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized ViewSonic service center or ViewSonic.
4. For additional information or the name of the nearest ViewSonic service center, contact ViewSonic.

### Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

**Exclusion of damages:**

ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic shall not be liable for:

1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by any other party.
4. Repair or attempted repair by anyone not authorized by ViewSonic.

**Effect of state law:**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

**Sales outside the U.S.A. and Canada:**

For warranty information and service on ViewSonic products sold outside of the U.S.A. and Canada, contact ViewSonic or your local ViewSonic dealer.

The warranty period for this product in mainland China (Hong Kong, Macao and Taiwan Excluded) is subject to the terms and conditions of the Maintenance Guarantee Card.

For users in Europe and Russia, full details of warranty provided can be found in [www.viewsoniceurope.com](http://www.viewsoniceurope.com) under Support/Warranty Information.



# Mexico Limited Warranty

## VIEWSONIC® DISPLAY PRODUCTS

### What the warranty covers:

ViewSonic warrants its products to be free from defects in material and workmanship, under normal use, during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components & accessories.

### How long the warranty is effective:

ViewSonic LCD displays are warranted for 1 year for all parts including the light source and 1 year for all labor from the date of the first consumer purchase.

### Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

### What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
  - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, unauthorized attempted repair, or failure to follow instructions supplied with the product.
  - b. Any damage of the product due to shipment.
  - c. Causes external to the product, such as electrical power fluctuations or failure.
  - d. Use of supplies or parts not meeting ViewSonic's specifications.
  - e. Normal wear and tear.
  - f. Any other cause which does not relate to a product defect.
7. Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.
8. Removal, installation, insurance, and set-up service charges.

### How to get service:

For information about receiving service under warranty, contact ViewSonic Customer Support (Please refer to the attached Customer Support page). You will need to provide your product's serial number, so please record the product information in the space provided below on your purchase for your future use. Please retain your receipt of proof of purchase to support your warranty claim.

For Your Records

Product Name: _____	Model Number: _____
Document Number: _____	Serial Number: _____
Purchase Date: _____	Extended Warranty Purchase? _____ (Y/N)
	If so, what date does warranty expire? _____

1. To obtain warranty service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
2. Take or ship the product in the original container packaging to an authorized ViewSonic service center.
3. Round trip transportation costs for in-warranty products will be paid by ViewSonic.

### Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

### Exclusion of damages:

ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic shall not be liable for:

1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by any other party.
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